

Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.

LIBRARY
RECEIVED
★ APR 19 1928 ★
U. S. Department of Agriculture

UNITED STATES DEPARTMENT OF AGRICULTURE
WEATHER BUREAU
WASHINGTON

Forecast Division

April 1, 1928

CIRCULAR

DISTRIBUTION OF WEATHER INFORMATION, FORECASTS, AND WARNINGS
BY RADIO FOR THE BENEFIT OF NAVIGATION ON THE GREAT LAKES

Weather forecasts and information for such States as are contiguous to the Great Lakes, and forecasts and warnings for the Great Lakes, are broadcast by radio from a number of broadcasting stations cooperating with the United States Weather Bureau. The broadcasts of weather forecasts, warnings, and other pertinent information have been arranged so as to be of special benefit to navigation, shipping, and aviation interests of the Great Lakes region, and are made daily, except as noted, from stations at important Lake ports. The daily forecasts of wind and weather are made separately for the upper and lower Lakes and are broadcast accordingly, as indicated in the following schedules:

BROADCASTING STATIONS AND SCHEDULES

DULUTH, MINN.

Station WEBC.—Superior-Duluth.

Radiophone. Wave length 241.8 meters; 1,240 kc/s.

1:15 p. m. and 7 p. m., 90th meridian time. (Except Sundays.)

7 a. m. pressure, wind, and weather at Duluth, Port Arthur, Houghton, Marquette, and Sault Ste. Marie.

7 a. m. wind and weather at Portage and Whitefish Point.

Forecasts for Duluth-Superior and vicinity, Minnesota, and Wisconsin.

Forecasts for the upper Lakes.

Storm warnings whenever issued.

Station WME.—Intercity Radio Telegraph Co.

Radiotelegraph. Wave length 600 meters, spark; 500 kc/s.

10 a. m. and 4 p. m., 90th meridian time.

7 a. m. pressure, wind, and weather at Duluth, Port Arthur, Houghton, Marquette, and Sault Ste. Marie.

7 a. m. wind and weather at Portage and Whitefish Point.

Forecasts for the upper Lakes.

Storm warnings whenever issued.

Station WRL—Radio Corporation of America.

Radiotelegraph. Wave length 875 meters ICW; 343 kc/s.

10 a. m. and 10 p. m., 90th meridian time.

7 a. m. pressure, wind, and weather at Duluth, Port Arthur, Houghton, Marquette, and Sault Ste. Marie.

7 a. m. wind and weather at Portage and Whitefish Point.

Forecasts for the upper Lakes.

Storm warnings whenever issued.

GREEN BAY, WIS. (De Pere.)

Station WHBY.—St. Norbert's College.

Radiophone. Wave length 249.9 meters; 1,200 kc/s.

7:15 p. m., 90th meridian time. (Except Sundays and holidays.)

Forecasts for Green Bay and Wisconsin.

Forecasts for the upper Lakes.

Storm warnings whenever issued.

MILWAUKEE, WIS.

Station WHAD.—The Marquette University.

Radiophone. Wave length 270.1 meters; 1,110 kc/s.

3:30 p. m., 90th meridian time. (Except Saturdays, Sundays, and holidays.)

Forecasts for Milwaukee and Wisconsin.

Forecasts for the upper Lakes.

Storm warnings whenever issued.

Station WISN.—The Wisconsin News.

Radiophone. Wave length 270.1 meters; 1,110 kc/s.

2:15 and 5 p. m., 90th meridian time. (Except Sundays and holidays.)

7 a. m. pressure, wind, and weather at Chicago, Grand Haven, Milwaukee, Escanaba, and Sault Ste. Marie; wind and weather at Middle Island, Plum Island, and Whitefish Point.

Forecasts for Milwaukee and Wisconsin.

Forecasts for the upper Lakes.

Storm warnings whenever issued.

Station WTMJ.—The Milwaukee Journal.

Radiophone. Wave length 293.9 meters; 1,020 kc/s.

10:30 a. m. and 12:30 p. m., 90th meridian time. (Except Sundays and holidays.)

7 a. m. pressure, wind, and weather at Chicago, Grand Haven, Milwaukee, Escanaba, and Sault Ste. Marie; wind and weather at Middle Island, Plum Island, and Whitefish Point.

Forecasts for Milwaukee and Wisconsin.

Forecasts for the upper Lakes.

Storm warnings whenever issued.

GREAT LAKES, ILL.

Station NAJ.—United States Navy.

Radiotelegraph. Wave length 2,270 meters, CW.; 132 kc/s.

9:45 a. m. and 10 p. m., 90th meridian time.

7 a. m. and 7 p. m. pressure, wind, and weather at Chicago, Grand Haven, Milwaukee, Ludington, Escanaba, and Sault Ste. Marie; and wind and weather at Whitefish Point.

7 a. m. wind and weather at Beaver Island, Mackinaw, and Plum Island, at 9:45 a. m.

Forecasts for upper and lower Lakes.

Storm warnings whenever issued.

Storm warnings issued in the afternoon are broadcast at 4 p. m., 90th meridian time.

CHICAGO, ILL.

Station KYW.—Westinghouse Electric and Manufacturing Co.

Radiophone. Wave length 526 meters; 570 kc/s.

11 a. m. (except Sundays and holidays), 11:55 p. m. (except 11 p. m. Sunday nights), 90th meridian time.

7 a. m. and 7 p. m. pressure, wind, and weather at Chicago, Grand Haven, Milwaukee, Ludington, Escanaba, and Sault Ste. Marie; and wind and weather at Whitefish Point.

7 a. m. wind and weather at Beaver Island, Mackinaw, and Plum Island, at 11 a. m.

Forecasts for Illinois, Indiana, Wisconsin, Minnesota, and Upper and Lower Michigan.

Aviation forecasts for Zones 4 and 8.

Forecasts for upper and lower Lakes.

Storm warnings whenever issued.

Station WAAF.—The Daily Drivers Journal.

Radiophone. Wave length 389.4 meters; 770 kc/s.

10:30 a. m. and 12:30 p. m., 90th meridian time. (Except Sundays and holidays.)

Forecasts for Illinois, Indiana, Wisconsin, Minnesota, and Upper and Lower Michigan.

Aviation forecasts for Zones 4 and 8.

Forecasts for upper and lower Lakes.

General forecast.

Storm warnings whenever issued.

Station WCFL.—Chicago Federation of Labor.

Radiophone. Wave length 483.6 meters; 620 kc/s.

12:15 p. m., 90th meridian time. (Except Sundays and holidays.)

Forecasts for upper and lower Lakes.

General forecast.

Storm warnings whenever issued.

Station WEBH.—Edgewater Beach Hotel. (Herald-Examiner.)

Radiophone. Wave length 365.6 meters; 820 kc/s.

10 a. m. and 10 p. m., 90th meridian time.

Forecasts for Chicago and vicinity.

Forecasts for upper and lower Lakes.

General forecast.

Storm warnings whenever issued.

Station WGN.—The Chicago Tribune and Liberty.

Radiophone. Wave length 416.4 meters; 720 kc/s.

10 p. m., 90th meridian time.

Forecasts for upper and lower Lakes.

Storm warnings whenever issued.

Station WGO.—Radio Corporation of America.

Radiotelegraph. Wave length 890 meters, CW.; 337 kc/s.

11 a. m., 4 p. m., and 9 p. m., 90th meridian time.

7 a. m. and 7 p. m. pressure, wind, and weather at Chicago, Grand Haven, Milwaukee, Ludington, Escanaba, and Sault Ste. Marie; and wind and weather at Whitefish Point.

7 a. m. wind and weather at Beaver Island, Mackinaw, and Plum Island, at 11 a. m.

Forecasts for Chicago and vicinity.

Forecasts for the upper and lower Lakes.

Storm and small craft warnings whenever issued.

Station WHT.—Radio Broadcasting Corporation.

Radiophone. Wave length 305.9 meters; 980 kc/s.

11:50 p. m., 90th meridian time. (Except Sundays and holidays.)

Forecasts for Chicago, Illinois, Indiana, Wisconsin, Minnesota, and Upper and Lower Michigan.

Aviation forecasts for Zones 4, 7, and 8.

Forecasts for upper and lower Lakes.

General weather forecast.

Storm warnings whenever issued.

Station WJBT.—J. S. Boyd, Inc.

Radiophone. Wave length 389.4 meters; 770 kc/s.

5 p. m., 90th meridian time. (Except Sundays and holidays.)

Forecasts for Chicago and vicinity.

Forecasts for upper and lower Lakes.

General weather forecasts.

Storm warnings whenever issued.

Station WLS.—Sears, Roebuck & Co.

Radiophone. Wave length 344.6 meters; 870 kc/s.

9 a. m. and 12:10 p. m., 90th meridian time. (Except Sundays and holidays.)

Forecasts for Chicago, Illinois, Indiana, Wisconsin, Minnesota, and Upper and Lower Michigan.

General forecast and weather conditions.

Aviation forecast for Zones 4, 7, and 8.

Forecasts for upper and lower Lakes.

Storm warnings whenever issued.

CHICAGO, ILL.—Continued.

Station WMAQ.—The Chicago Daily News.

Radiophone. Wave length 447.5 meters; 670 kc/s.

10:30 a. m. and 12:30 p. m., 90th meridian time. (Except Sundays and holidays.)

Forecasts for Illinois, Indiana, Wisconsin, Minnesota, and Lower Michigan.

Aviation forecast for Zones 4 and 8.

Forecasts for upper and lower Lakes.

General forecast.

Storm warnings whenever issued.

MACKINAC ISLAND, MICH.

Station WHQ.—Mackinac Radio Service.

Radiotelegraph. Wave length 875 meters; tube (ACW); 343 kc/s.

10:15 a. m. and 4:15 p. m., 90th meridian time.

Forecasts for Lakes Huron, Michigan, and Superior.

Storm warnings whenever issued.

ROGERS, MICH.

Station WLC.—The Michigan Limestone and Chemical Co.

Radiotelegraph. Wave length 715 meters; spark and CW.; 419 kc/s.

8:45 a. m., 75th meridian time: State of weather and wind direction and velocity at Mackinaw, Middle Island, Alpena, Tawas Point, Harbor Beach, and Port Huron; barometric pressure at Alpena and Port Huron.

10:45 a. m. and 10:30 p. m., 75th meridian time: Weather forecast for upper Lakes; storm and advisory warnings whenever issued.

4:45 p. m. and 8:45 p. m., 75th meridian time: State of weather and wind direction and velocity at 4 and 8 p. m., respectively, at Middle Island and Alpena; storm and advisory warnings whenever issued.

DETROIT, MICH.

Station WCX.—The Detroit Free Press.

Radiophone. Wave length 440.9 meters; 680 kc/s.

12:30 p. m. and 4 p. m., 75th meridian time. (Except Sundays and holidays.)

Forecasts for Lower Michigan and Detroit.

Forecasts for the upper and lower Lakes.

Summary of weather conditions.

Storm warnings whenever issued.

Station WDI.—Intercity Telegraph Co.

Radiotelegraph. Wave length 715 CW; 419 kc/s.

11 a. m. and 4 p. m., 75th meridian time.

8 a. m. barometric pressure at Port Huron, Detroit and Toledo.

Forecasts for the upper and lower Lakes.

Storm warnings whenever issued.

Station WGHP.—G. H. Phelps.

Radiophone. Wave length 277.6 meters; 1,080 kc/s.

6:45 p. m., 75th meridian time. (Except Sundays and holidays.)

Forecasts for Detroit and Lower Michigan.

Forecasts for upper and lower Lakes.

Summary of weather conditions.

Storm warnings whenever issued.

Station WJR.—Jewett Radio Co.

Radiophone. Wave length 440.9 meters; 680 kc/s.

5:50 p. m., 75th meridian time. (Except Sundays and holidays.)

Forecasts for Detroit and Lower Michigan

Forecasts for the upper and lower Lakes.

Summary of weather conditions.

Storm warnings whenever issued.

Station WWJ.—The Detroit Evening News.

Radiophone. Wave length 352.7 meters; 850 kc/s.

10:25 a. m., 11:55 a. m., and 3:50 p. m., 75th meridian time. (Except Sundays and holidays.)

Forecasts for Lower Michigan and Detroit.

Forecasts for upper and lower Lakes.

Summary of weather conditions.

Storm warnings whenever issued.

CLEVELAND, OHIO

Station WCY.—Radio Corporation of America.

Radiotelegraph. Wave length 875 meters CW; 343 kc/s.

10:30 p. m., 75th meridian time.

8 p. m. pressure, wind, and weather at Cleveland, Toledo, and Erie.

Forecasts for the lower and upper Lakes.

Storm warnings for Lake Erie, and advisory warnings for the Great Lakes whenever issued at night.

Station WEAR.—Willard Storage Battery Co.

Radiophone. Wave length 399.8 meters; 750 kc/s.

12 noon and 4 p. m., 75th meridian time. (Except Sundays and holidays.)

8 a. m. pressure, wind, and weather at Cleveland, Toledo, and Erie.

Forecasts for Ohio and Cleveland.

Forecasts for the lower and upper Lakes.

Summary of weather conditions.

Storm warnings whenever issued.

CLEVELAND, OHIO.—Continued.

Station WTAM.—Willard Storage Battery Co.

Radiophone. Wave length 399.8 meters; 750 kc/s.

6.55 p. m., 75th meridian time.

8 a. m. pressure, wind, and weather at Cleveland, Toledo, and Erie.

Forecasts for Cleveland and vicinity.

Station WTK.—Intercity Radio Telegraph Co.

Radiotelegraph. Wave length 715 meters CW; 419 kc/s.

11:05 a. m., 4 p. m., and 10:10 p. m., 75th meridian time.

8 a. m. pressure, wind, and weather at Cleveland, Toledo, and Erie, at 11:05 a. m. only.

Forecasts for the lower and upper Lakes.

Storm warnings for Lake Erie and advisory messages for the Great Lakes whenever issued.

PITTSBURGH, PA.

Station KDKA.—Westinghouse Electric Co.

Radiophone. Wave length 315.6 meters; 950 kc/s.

9:45 a. m., 75th meridian time. (Except Sundays and holidays.)

Forecasts for Pennsylvania and Ohio.

12 noon, 75th meridian time. (Except Sundays and holidays.)

Forecasts for Pennsylvania and Ohio.

Weather conditions.

Storm warnings for Great Lakes whenever issued.

3 p. m., 75th meridian time. (Except Sundays and holidays.)

Forecasts for Pennsylvania and Ohio.

10 p. m., 75th meridian time. (Except Sundays.)

Forecasts for Pennsylvania, New York, Lower and Upper Michigan, Ohio, and Indiana.

Storm warnings for upper and lower Lakes whenever issued.

BUFFALO, N. Y.

Station WAM.—Intercity Radio Telegraph Co.

Radiotelegraph. Wave length 715 meters CW; 419 kc/s.

11 a. m. and 10 p. m., 75th meridian time.

8 a. m. and 8 p. m. pressure, wind, and weather at Buffalo and Oswego.

Forecasts for the lower Lakes.

Storm warnings whenever issued.

Station WGR.—Federal Telephone and Telegraph Co.

Radiophone. Wave length 302.8 meters; 990 kc/s.

12 noon, 7 p. m., and 11 p. m., 75th meridian time.

Forecasts for Buffalo and western New York.

Forecasts for lower Lakes.

Summary of weather conditions.

Storm warnings whenever issued.

Station WMAK.—WMAK Studios, Inc.

Radiophone. Wave length 545.1 meters; 550 kc/s.

12 noon and 7 p. m., 75th meridian time. (Except Sundays and holidays.)

Forecasts for Buffalo and western New York.

Forecasts for lower Lakes.

Summary of weather conditions.

Storm warnings whenever issued.

ROCHESTER, N. Y.

Station WHAM.—Stromberg Carlson Co.

Radiophone. Wave length 280.2 meters; 1,070 kc/s.

11:30 a. m. and 11 p. m., 75th meridian time. (Except 11:30 a. m. Sundays and holidays.)

8 a. m. pressure, wind, and weather at Buffalo, Rochester, and Oswego.

Forecasts for western New York.

Forecasts for lower Lakes.

Storm warnings whenever issued.

Station WHEC.—Hickson Electric Co.

Radiophone. Wave length 254.1 meters; 1,180 kc/s.

12 noon, 75th meridian time. (Except Sundays and holidays.)

8 a. m. pressure, wind, and weather at Buffalo, Rochester, and Oswego.

Forecasts for western New York.

Forecasts for lower Lakes.

Storm warnings whenever issued.

NOTE.—Certain state weather forecasts are broadcast from several radio stations as indicated. These forecasts are for States contiguous to the waters of the Great Lakes and are applicable to navigation. Radio stations KDKA at Pittsburgh and KYW, WAAF, WFL, WEBH, WGN, WHT, WJBT, WMAQ, WLS, WCX, WGHP, WJR, WWJ, WEAR, WTAM, KDKA, WGR, WMAK, WHAM, and WHEC. All other stations broadcast only during the season of navigation on the Great Lakes.

Broadcasts are made throughout the year from the following radio stations: WEBC, WHBY, WHAD, WISN, WTMJ, KYW, WAAF, WFL, WEBH, WGN, WHT, WJBT, WMAQ, WLS, WCX, WGHP, WJR, WWJ, WEAR, WTAM, KDKA, WGR, WMAK, WHAM, and WHEC. All other stations broadcast only during the season of navigation on the Great Lakes.

Storm warnings, weather conditions at certain indicated Lake points, and the forecasts for the upper and lower Lakes are broadcast only during the season of navigation.

Chas. Mawin.

Chief of Bureau.

This edition supersedes all other editions of this Circular, 1st and 2d editions, dated April 1, 1926, and 1927, respectively.

(WB-4-2-28-1,800)